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(71) Applicant (for all designated States except NZ, US): **EMF TECHNOLOGIES CORPORATION**; Hansa Bank Building, 1st Floor, Landsome Road, The Valley, TV102P (AI).

(71) Applicant (for NZ only): **PARRY, Martin** [ZA/ZA]; 40 Hugh Dent Drive, Salt Rock, Durban, 4420 Kwa-Zulu Natal Province (ZA).

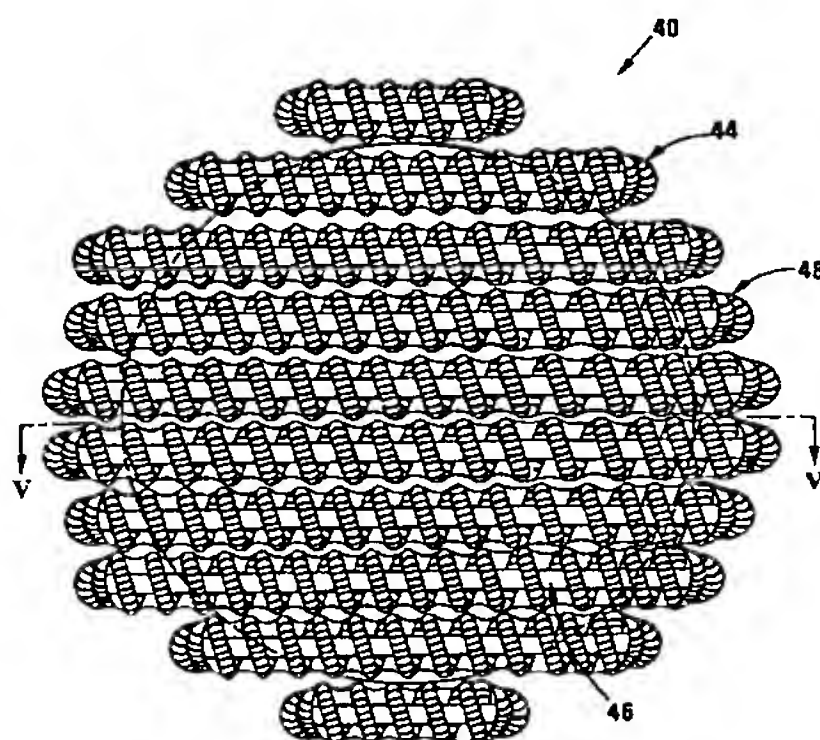
(72) Inventor; and
(75) Inventor/Applicant (for US only): **KOKORIN, Boris** [RU/ZA]; 24 Marine Terraces, 17 Marine Drive, Umhlanga Rocks,, Durban, 4319 Kwa-Zulu Natal Province (ZA).

(74) Agent: **LEWIS, Alan**; Adams & Adams (Johannesburg), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng Province (ZA).

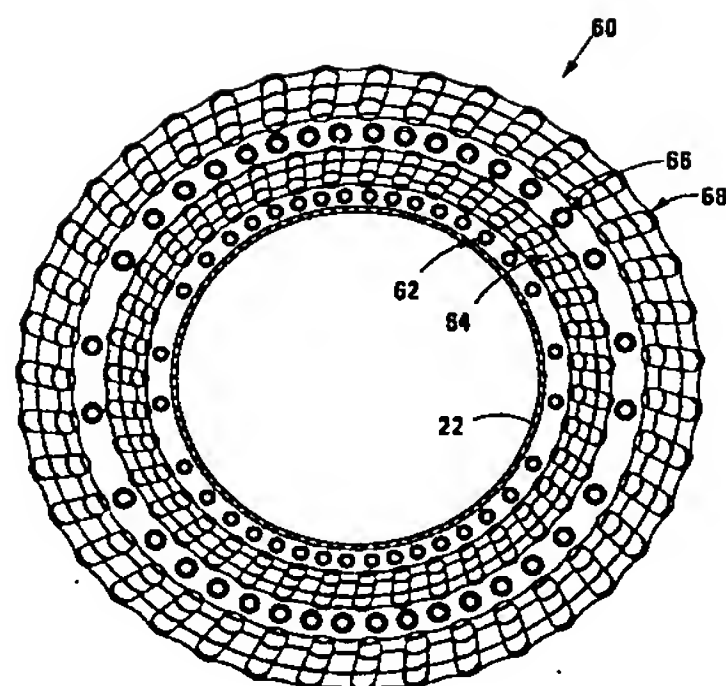
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(54) Title: A SPHEROIDAL MULTI-SOLENOID ANTENNA



(57) Abstract: A spheroidal antenna, having a spheroidally configured winding. The winding comprises a three-dimensional spiral about an axis with the radius of turns of the winding progressively increasing and then decreasing. The winding may be of a multi-solenoid conductor. It may also be composite, having a primary conductor with a secondary conductor wound toroidally about the primary conductor. The antenna may have a plurality of windings. Two windings may be in the same layer, with the turns thereof being laterally adjacent each other. The antenna may be multi-layered, with the turns of one layer being at an angle to the turns of a super-adjacent layer. The antenna may have a hollow spheroidal former.



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